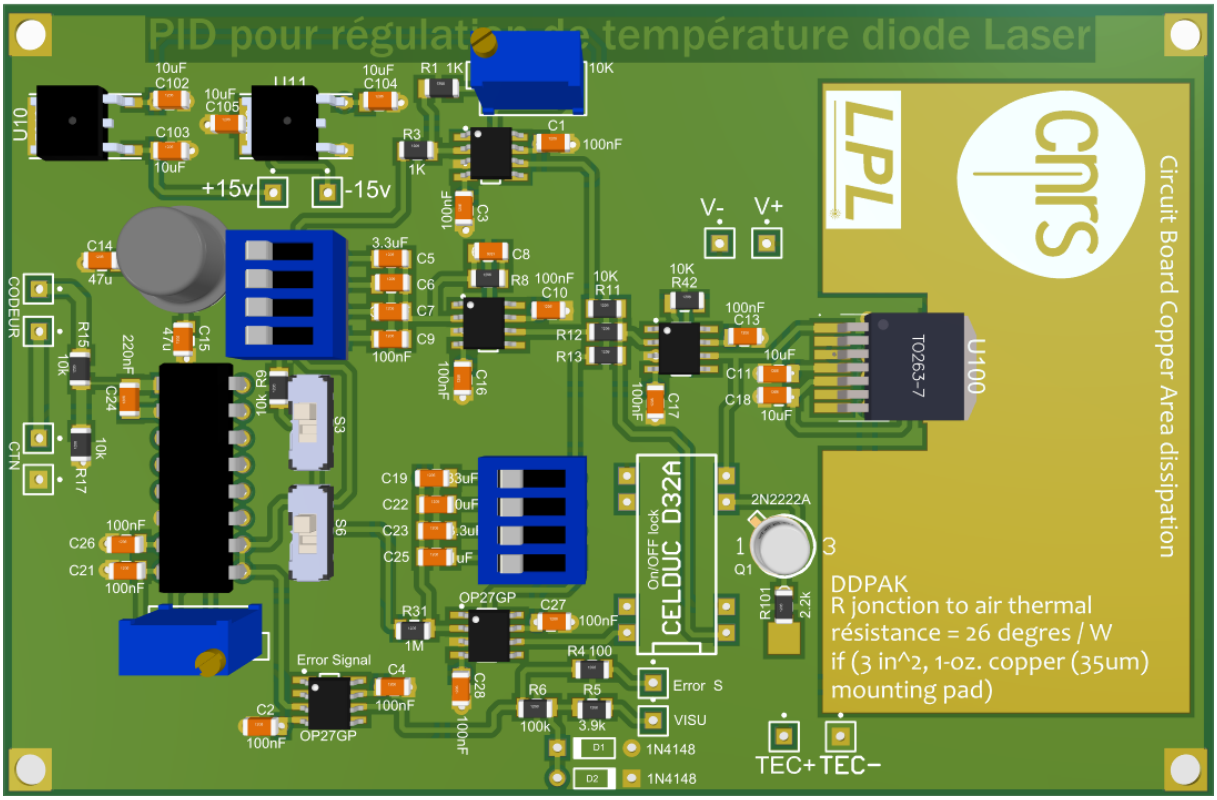
PID pour régulation de température diode Laser
Circuit Board Copper Area dissipation
DDPAK
R jonction to air thermal
résistance = 26 degres / W
if (3 in^2, 1-oz. copper (35um)
mounting pad)
LPL
cnrs
U10
U11
U100
TO263-7
+15v
-15v
V-
V+
CODEUR
CTN
Error Signal
OP27GP
CELDUC D32A
On/OFF lock
2N2222A
Q1
R101
2.2k
Error S
VISU
1N4148
TEC+
TEC−
R1 1K
10K
R3
1K
C1
100nF
C3
100nF
C14
47u
C15
47u
R15
10k
R17
10k
C24
220nF
R9
10k
S3
S6
C26
100nF
C21
100nF
C2
100nF
C4
100nF
C5
3.3uF
C6
C7
C8
C9
100nF
R8
100nF
C10
C16
100nF
R11
10K
R12
R13
R42
10K
C13
100nF
C11
10uF
C18
10uF
C17
100nF
C19
C22
C23
C25
R31
1M
C27
100nF
C28
100nF
R4 100
R6
100k
R5
3.9k
D1
D2